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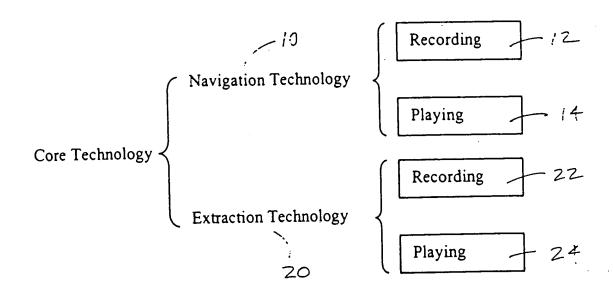
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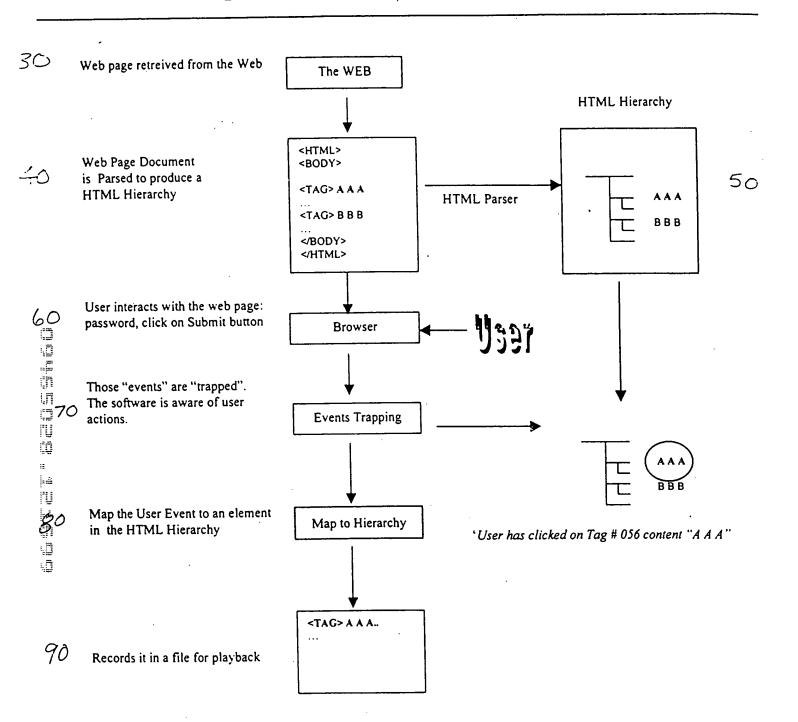
- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

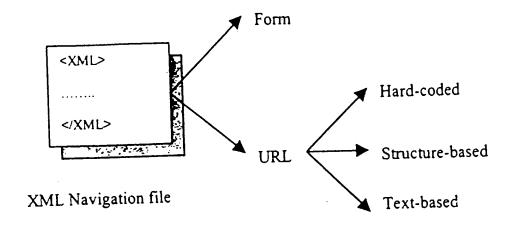
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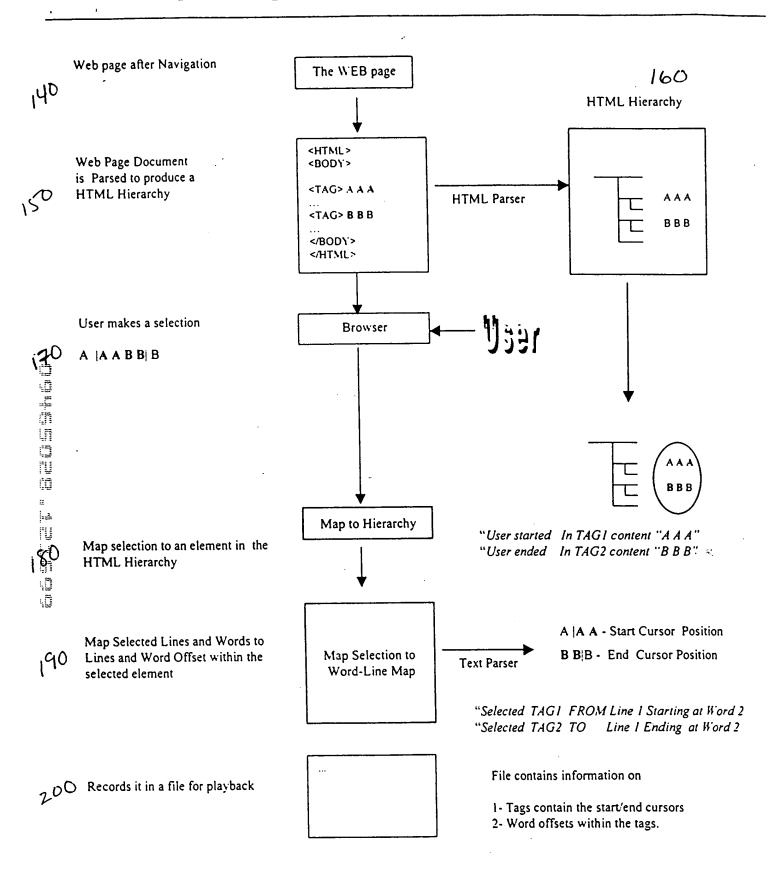
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## Recording Navigation Script - Getting to a Page







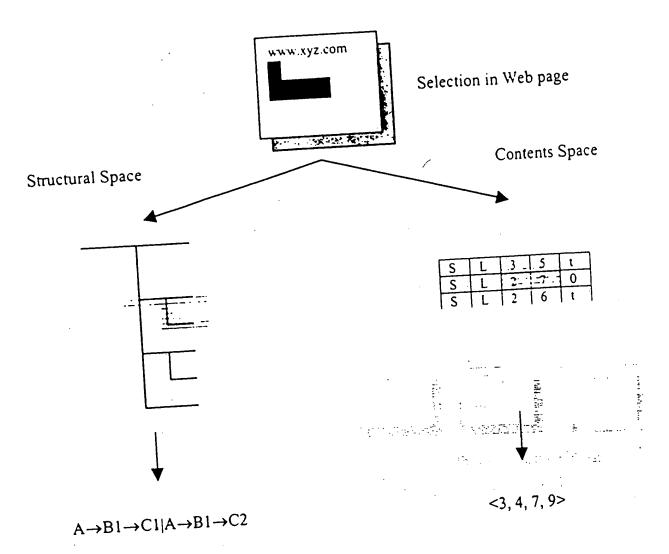


FIGURE 5

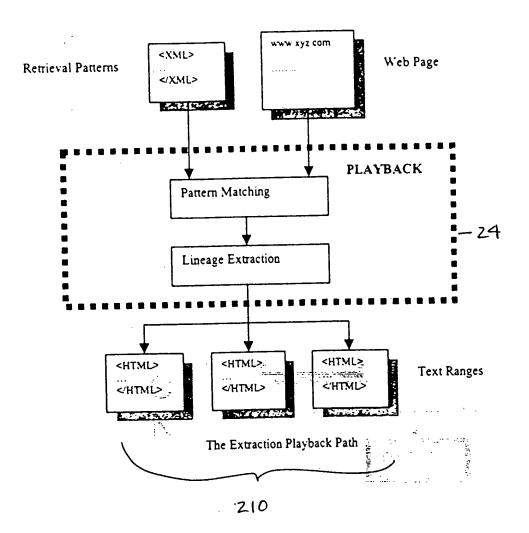


FIGURE 6

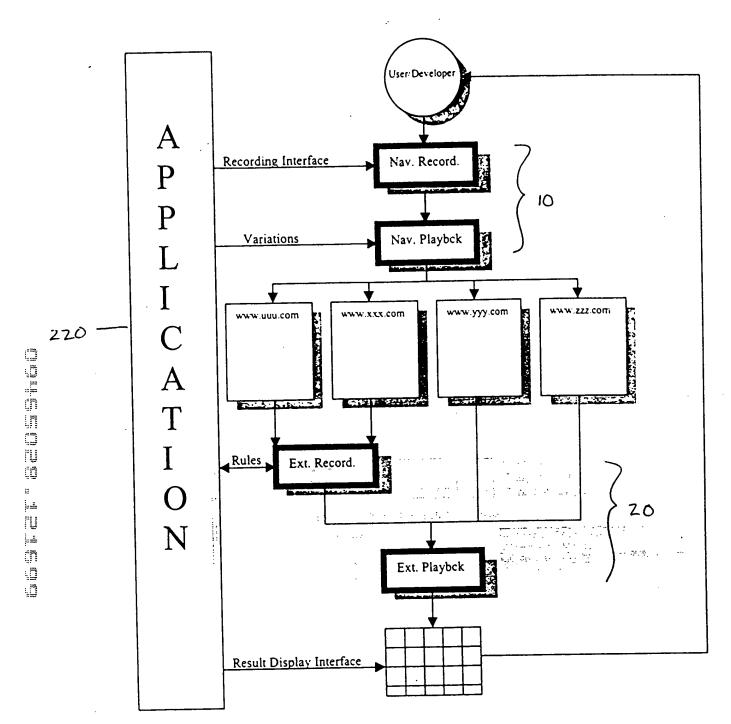


FIGURE 7

For Example: Looking For a Job? Make your own JOB FINDER!

Step 1: Navigation

Navigation:

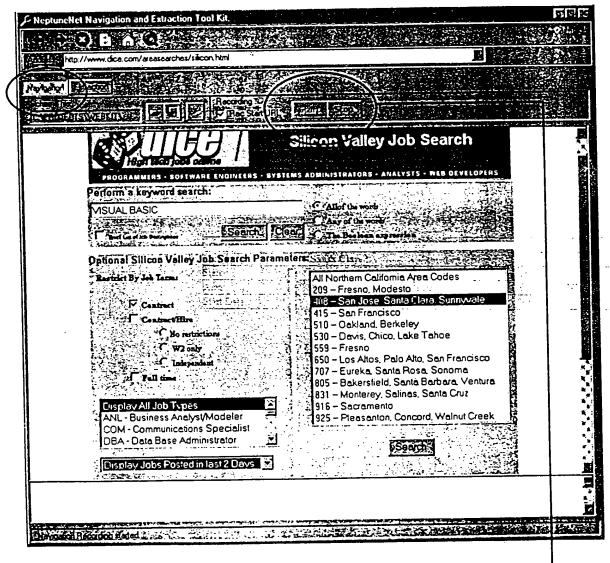
Navigate to the URL, Record & Playback the Sequence

Extraction:

How to extract specific information

Find Text:

Use Find Text to find "interesting" information



• Just press 'Start' button and Surf as usual.

Your actions are recorded.

When you are done, press 'Stop' button.

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FIGURE 8

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Step 2: Extraction

• Navigation:

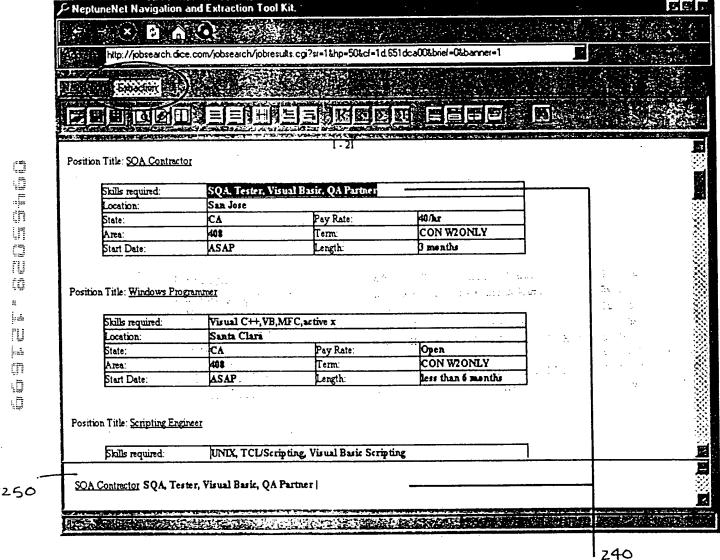
Navigate to the URL, Record and Playback the Sequence

• Extraction:

How to extract specific information

• Find Text:

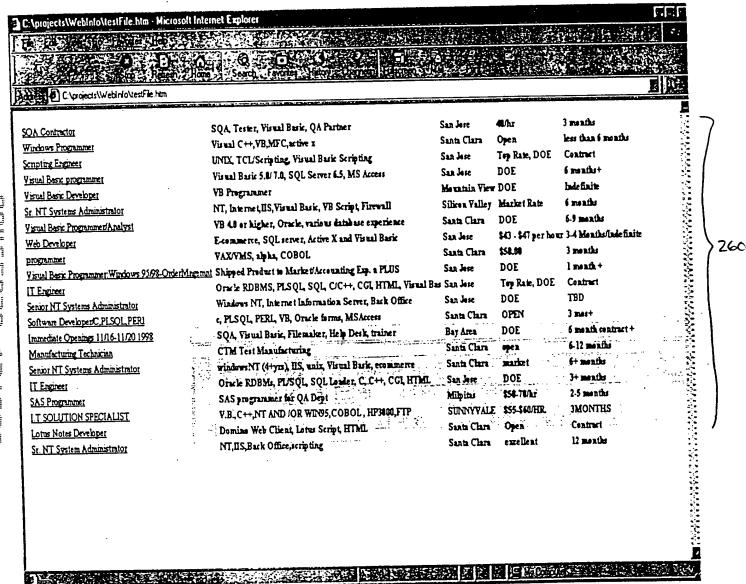
Use Find Text to find "interesting" information



User identified data to be retrieved automatically. Recorded in lower Window.

- Just highlight the information you want to retrieve from the web page
- Click on the toolbar buttons to fine tune and record your action(s).

Save your "script" and run it on demand. View output on your Browser. Save it in Excel, Access or Word. Do it Every Hour - automatically.



Automatic extraction of jobs data. Data may also be transferred to a data base for SQL processing

• Step 3: Find Text

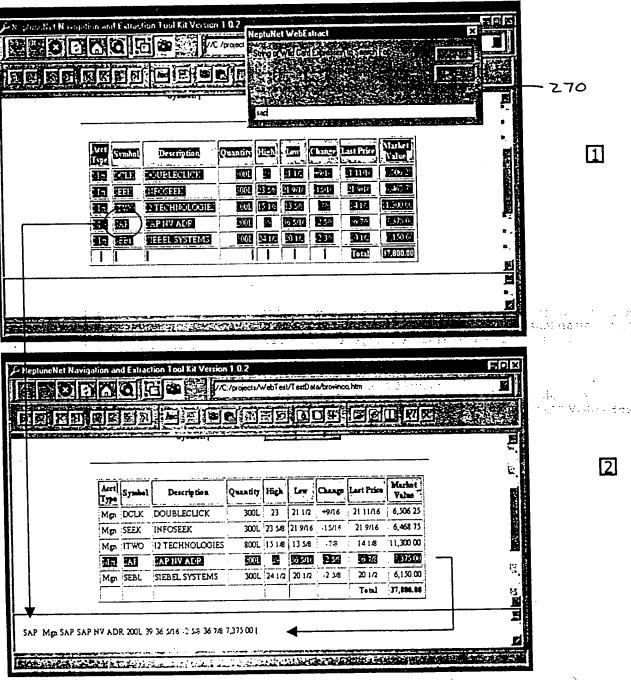
• Navigation:

Navigate to the URL, Record and Playback the Sequence

• Extraction: How to extract specific information

• Find Text:

 Use Find Text to find "interesting" information



1 Type in the string to search for, e.g.

[2] Selection of relevant data based on Found Text:

"SAP"

The Row

CaptiNet uses the Web Page Hierarchy to locate elements in that Web Page.

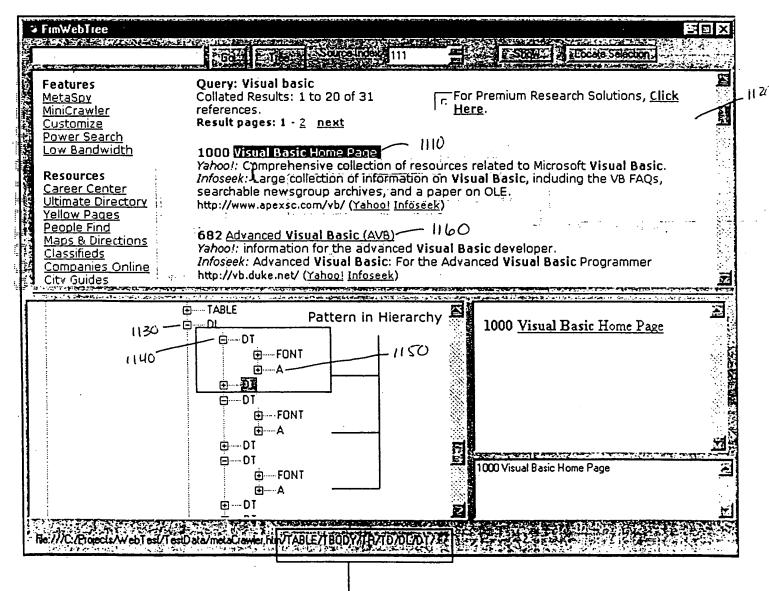
### Example:

"Visual Basic Home Page" is a selection in the Web page. We wish to reselect it in a new web page that shares the same Page characteristics.

By locating its parent elements, A Ancestory Tree for the page is built. This Tree is the HTML Hierarchy - an Org Chart for the page.

Using the Org Chart, one can locate the same element in another Web page that shares the same hierarchy.

Later we will exploit the fact that a sequence or "pattern" exists in the Ancestory Tree..



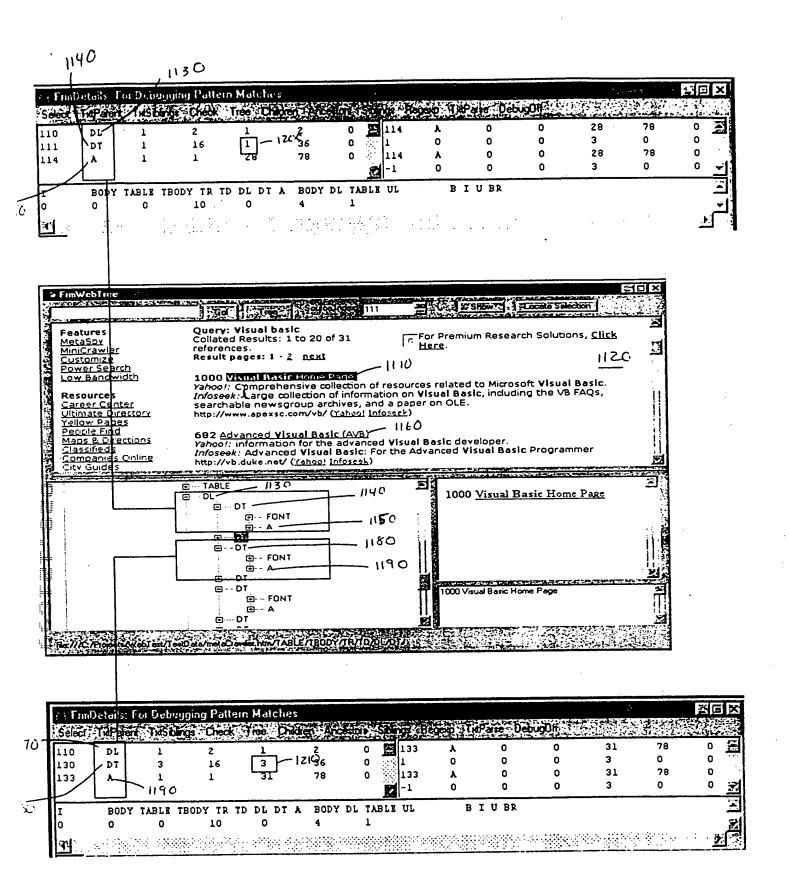


FIGURE 13

	र्जे Details Pattern. Type:CRIII	NIA T I I I I I I I I I I I I I I I I I I I
	🚃 Criteria Match 🛮 🕍 Macro S	Macro Steps   🖺 Settings
	Criteria	
	Select Tags of Type	Δ1
23	Filter on their Lineage	CENTER CENTER A TABLE TBODY TR TD
(n)	Selections to Include Text	300
<b>*</b>	Selections to Include HTML.	3000
 	Lineage must Include tags	
9	Lineage must Exclude tags	
	Loc. Range Left	246 - 246
8	Loc. Range Height	₹ 25 - 25
	(1) Usage: Items 2,3,4,5 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Usage: Items 2,3,4,5 may include Regular Expressions: <regexp> Expression Items 2,3,4,5 may include OR Lists Sep. by  : A B CD E F G</regexp>

Figure 14

# Flow in Extraction for Different Pattern Types

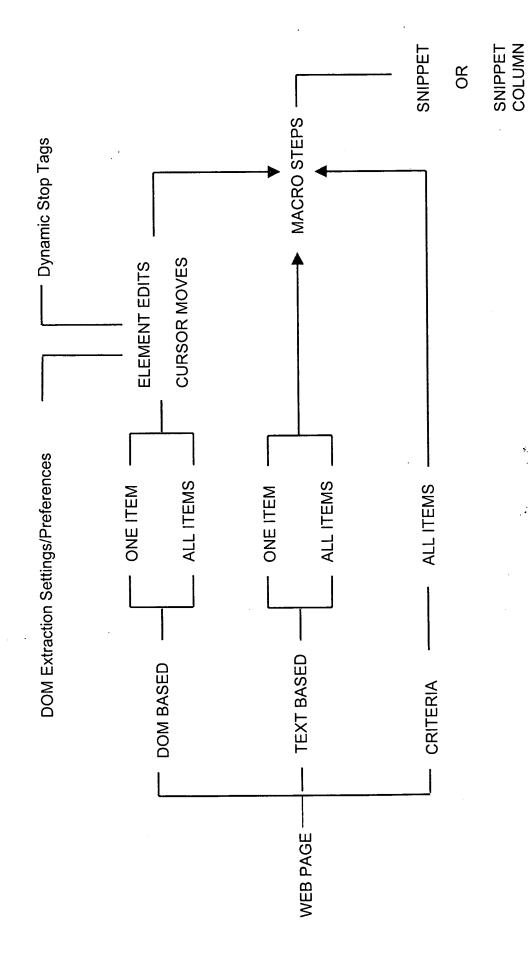
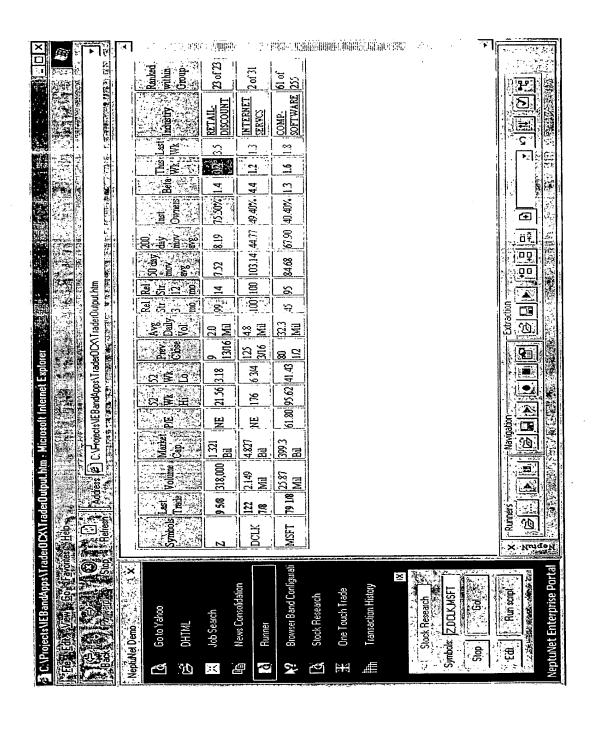


Figure 15



# Figure 16